

District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

**CONFIDENTIAL**

30025-34923

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. Type of Completion:  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
 TOMCAT '16' STATE

2. Name of Operator  
 CONCHO RESOURCES INC.

8. Well No.  
 7

3. Address of Operator  
 110 W. LOUISIANA STE 410; MIDLAND TX 79701

9. Pool name or Wildcat  
 Diamondtail Delaware SW

4. Well Location  
 Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Line  
 Section 17 Township 23S Range 32E NMPM LEA County

10. Date Spudded 05/13/00	10. Date T.D. Reached 05/31/00	11. Date Compl. (Ready to Prod.) 06/10/00	12. Elevations (DF& RKB, RT, GR, etc.) 3690' GR	13. Elev. Casinghead 3691'
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15. Total Depth 8927'	16. Plug Back T.D. 8840'	17. If Multiple Compl. How Many Zones? _____	18. Intervals Drilled By _____	Rotary Tools XXXXXXXXXXXXXXXXXX	Cable Tools _____
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
 8493-8514' Delaware

20. Was Directional Survey Made  
 No

21. Type Electric and Other Logs Run  
 GR/CBL/CCL

21. Was Well Cored  
 No

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	642	17-1/2	510 C	0
8-5/8	32	4884	11	1200 C	0
5-1/2	17	8927	7-7/8	1100 H	0

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	8398	

26. Perforation record (interval, size, and number)  
 8493-8514 (43 shots) 2 SPF

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8493-8514	FRAC W/ 10000# in zone (Screened out)
	ACID W/ 24 BBLs 7.5% AROMATIC ACID
	FRAC w/ 16000 GALS GEL W/ 61000# 16/30 Ottawa & 11000# 16/30 RC sand

**28. PRODUCTION**

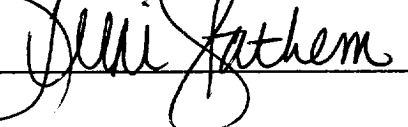
Date First Production 06-16-00	Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING (2-1/2"x1-1/2"x24')	Well Status (Prod. or Shut-in) PROD				
Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 62	Gas - MCF 45	Water - Bbl. 171	Gas - Oil Ratio 726
Flow Tubing Press.	Casing Pressure 50#	Calculated 24-Hour Rate	Oil - Bbl. 62	Gas - MCF 45	Water - Bbl. 171	Oil Gravity - API - (Corr.) 41.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 SOLD

Test Witnessed By  
 MARK HULSE, CONCHO RESOURCES INC.

30. List Attachments  
 LOGS, LETTER OF CONFIDENTIALITY, SUNDRY C104 C102

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Terri Stathem Title Production Analyst Date 8/3/00

# INSTRUCTIONS CONFIDENTIAL

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

- T. Anhy \_\_\_\_\_
- T. Salt \_\_\_\_\_
- B. Salt \_\_\_\_\_
- T. Yates \_\_\_\_\_
- T. 7 Rivers \_\_\_\_\_
- T. Queen \_\_\_\_\_
- T. Grayburg \_\_\_\_\_
- T. San Andres \_\_\_\_\_
- T. Glorieta \_\_\_\_\_
- T. Paddock \_\_\_\_\_
- T. Blinebry \_\_\_\_\_
- T. Tubb \_\_\_\_\_
- T. Drinkard \_\_\_\_\_
- T. Abo \_\_\_\_\_
- T. Wolfcamp \_\_\_\_\_
- T. Penn \_\_\_\_\_
- T. Cisco (Bough C) \_\_\_\_\_
- T. Canyon \_\_\_\_\_
- T. Strawn \_\_\_\_\_
- T. Atoka \_\_\_\_\_
- T. Miss \_\_\_\_\_
- T. Devonian \_\_\_\_\_
- T. Silurian \_\_\_\_\_
- T. Montoya \_\_\_\_\_
- T. Simpson \_\_\_\_\_
- T. McKee \_\_\_\_\_
- T. Ellenburger \_\_\_\_\_
- T. Gr. Wash \_\_\_\_\_
- T. Delaware Sand \_\_\_\_\_
- T. Bone Springs 8650 \_\_\_\_\_
- T. Ruslter 1160 \_\_\_\_\_
- T. Bell CANYON -- 4785 \_\_\_\_\_
- T. Cherry Canyon 5630 \_\_\_\_\_
- T. Brushy Canyon 6800 \_\_\_\_\_

### Northwestern New Mexico

- T. Ojo Alamo \_\_\_\_\_
- T. Kirtland-Fruitland \_\_\_\_\_
- T. Pictured Cliffs \_\_\_\_\_
- T. Cliff House \_\_\_\_\_
- T. Menefee \_\_\_\_\_
- T. Point Lookout \_\_\_\_\_
- T. Mancos \_\_\_\_\_
- T. Gallup \_\_\_\_\_
- Base Greenhorn \_\_\_\_\_
- T. Dakota \_\_\_\_\_
- T. Morrison \_\_\_\_\_
- T. Todilto \_\_\_\_\_
- T. Entrada \_\_\_\_\_
- T. Wingate \_\_\_\_\_
- T. Chinle \_\_\_\_\_
- T. Permian \_\_\_\_\_
- T. Penn "A" \_\_\_\_\_
- T. Penn. "B" \_\_\_\_\_
- T. Penn. "C" \_\_\_\_\_
- T. Penn. "D" \_\_\_\_\_
- T. Leadville \_\_\_\_\_
- T. Madison \_\_\_\_\_
- T. Elbert \_\_\_\_\_
- T. McCracken \_\_\_\_\_
- T. Ignacio Otzte \_\_\_\_\_
- T. Granite \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
- T. \_\_\_\_\_
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- T. \_\_\_\_\_
- T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

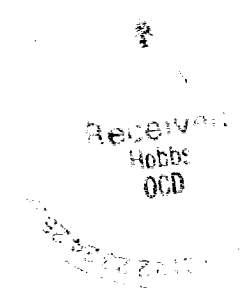
No. 1, from .....to.....  
 No. 2, from .....to.....  
 No. 3, from .....to.....  
 No. 4, from .....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.  
 No. 1, from .....to..... feet.....  
 No. 2, from .....to..... feet.....  
 No. 3, from .....to..... feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
KB	4570		Salt
4570			TOP OF ANHYDRITE NO MUD LOG TO 5000' (NO SAMPLES)
5000	5620		SS/SH
5620	6220		SS/LS/SH
6220	6600		SS/SH
6600	6760		SS/LS/SH
6760	7500		SS/SH
7500	8700		SS/LS/SH
8700	8925		LS/SH TD

  
 RECEIVED  
 Hobbs  
 OGD